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## NEW WEST AFRICAN BUTTERFLIES.

By GEORGE A. EHRMANN, PITTSBURG, PENN.

***Pseudopontia cepheus*, sp. nov.**

Male—Upper side of all the wings pure white; apex of primaries has a sharp cut square black spot, and in the sub-apical space there is a medium size black triangulate spot. Under side of primaries, the ground color is the same as above with the markings on the apical and sub-apical space faintly reproduced; the basal space is slightly shaded with pale green, marbled with faint black striae. Under side of secondaries white, delicately marbled with faint black striae. Expanse,  $1\frac{3}{4}$  inch.

Types 2 ♂♂ in my collection from Grand Sess, West Africa.

***Mycalesis erysichthon*, sp. nov.**

Male—Upper side of all the wings the color is lovely mouse-brown with a shade lighter along the abdominal margin of the secondaries, and the elongate scales near the inner margin of primaries are silky black. Under side of primaries and secondaries from the base to the space a little beyond the discal cells, are a shade or two lighter than above and uniform throughout in this space, then follows a sharp defined, irregular, dark-brown stria from the costa of the primaries to the abdominal margin of the secondaries, there is also an ill defined brownish band in the discal cell of the primaries from the costa to the lower discal nervure, thence from the irregular stria, which runs through both pairs of wings to the outer margin this space is olivaceous, clouded slightly with brown; in this space on the fore wings near the apex are three small ocellated spots connected with one another, the central one being the largest, and in the limbal area there is one much larger than the rest of those on the primaries; on the secondaries is a row of seven more ocellated spots, which are irregular in size, the fifth from the apex being the largest. All these spots are pupiled with white points leaving none of them blind whatever. Expanse,  $1\frac{1}{2}$  inch.

Type ♂ in my collection from Piquinini Sess, Liberia, West Africa.

This species bears considerable resemblance in pattern on the under side to *M. felderi* Butler, from the Philippines, but in the shape of the wings is nearest to *M. sanaos* Hew from Ashanti.

***Argiolus hollandii*, sp. nov.**

Male—Upper side, thorax and abdomen brownish, shaded with pale blue scales; costa and outer margin brown, widest at the apex; discal space with a black elongate bar; the rest of the fore wings is of a beautiful azure blue. Secondaries on the upper side, costal and abdominal margins pale brown, and from the base to the median space of the costa is a broad black bar; the rest of the wing is azure blue; the anal angle has an orange spot pupiled with black; fringes brown; tails black tipped with white. Under side of both pairs of wings, the ground color is of a

pale fawn, with six irregular white striæ on the secondaries, and four on the primaries, there is also a large black lunate spot in the center of the fore wings just below the middle of the discal cell, the ocellate spot of the secondaries on the anal angle is deep maroon centered with black. There is also an additional ocellate spot between veins two and three, which is orange centered with black, this later spot has no trace on the upper side. Expanse,  $1\frac{1}{8}$  inch. Female, the same as the male but less brilliant and the brown border is wider and more straight cut on the upper side of the primaries. Size same as the male.

Types 1 ♂ and 3 ♀ ♀ in my collection. Hab. Grand Sess, Liberia, West Africa.

I take much pleasure in dedicating this gem to my good friend and fellow companion in the study of all that is beautiful in nature, Dr. W. J. Holland of Pittsburg, Pa., and to whom we owe a debt for the knowledge which he has given us on the Lepidoptera of Western Africa.

### **Liptena pseudosoyauxii, sp. nov.**

Female—Upper side, head, thorax, antennæ and tips of palpi black, the rest of the palpi white. Abdomen leadish-brown; base of primaries suffused with lead colored scales; outer margin pale brown widest at the apex; the rest of the primaries are white. Secondaries white with a large brownish black apical spot and five marginal elongate spots of the same color. Under side of primaries pure white. Under side of secondaries the same as the primaries except a round black sub-costal spot near the apex, and two on the outer margin, one on the anal angle and one between veins 2 and 3, there is also a faint yellowish sub-discal band.

Type 1 ♀ in my collection, from Bigtown, Liberia, West Africa.

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## **SOME NEW SANTO DOMINGO TACHINIDÆ.**

By C. H. TYLER TOWNSEND.

The following new species of *Trichopoda*, and new genus and species of *Ocypterina*, were collected in the Island of Santo Domingo by Mr. F. Frazer. They were sent me by Dr. Williston for study, and form part of the University of Kansas collection.

### **Trichopoda subcilipes, sp. nov.**

Length, 9 to 10 mm. Three males and one female. Facial depression, sides of face extending on sides of front, cheeks, and occiput soft golden yellow pollinose, the facial depression less thickly so. Frontal vitta reddish-brown, darker at vertex, the impressed line or furrow next facial ridges concolorous with vitta. Antennæ reddish-orange, third joint a little longer than second, arista brownish. Palpi yellowish. Thoracic dorsum and pleuræ in front of suture of same golden yellow, with a median broad black stripe abbreviated behind, and a black spot on each